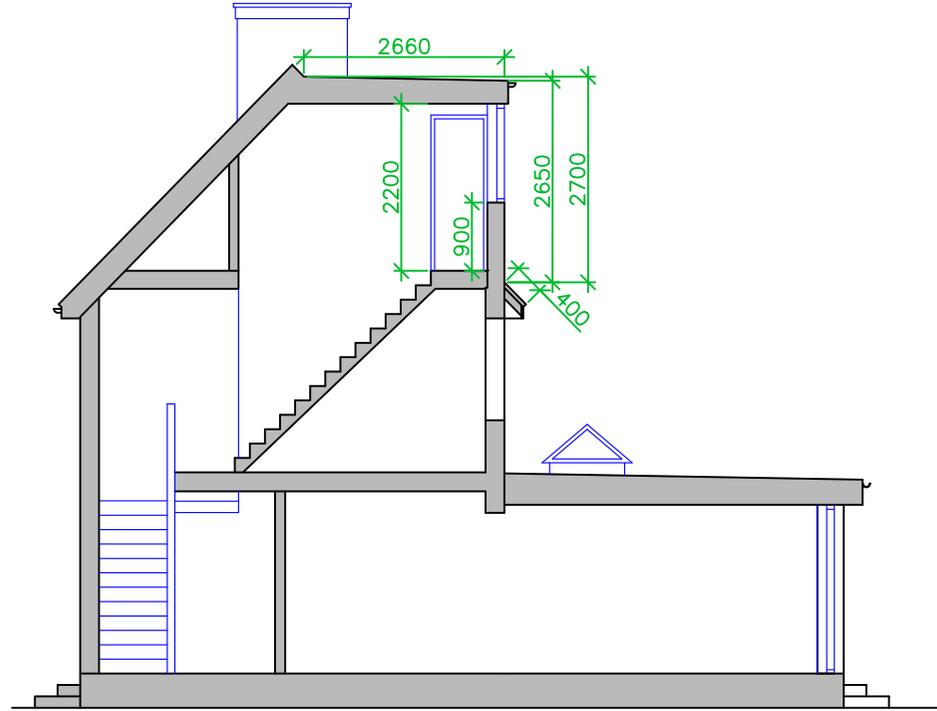


SECTION
AS EXISTING

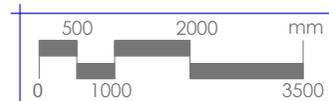


SECTION
AS PROPOSED

Volume of hip to gable roof =
 $(3.13\text{m [depth of the gable]} * 3.18\text{m [height of gable]} * 6.12\text{m [width of the gable]}) / 6 = 10.15\text{m}^3$

Volume of dormer = $2.7 * 2.65 / 2 = 3.55\text{m}^2$ (sectional area of dormer) * 6.16m (length of dormer) = 22.04m^3

Total volume of the loft conversion is $10.15 + 22.04\text{m}^3 = 32.19\text{m}^3$. Therefore, the proposed additional volume from the loft conversion is within the 40m^3 limit for a terraced property.



Prepared by:
 A+L Architecture Studio, Hitchin
www.alarchitecture.uk

Address:
 88, Longmead Road,
 Hayes, UB3 2HG

Drawing name:
 Section: As Existing + As Proposed

Scale: 1:100 @ A4	Date drawn: Jan 2026
-------------------------	-------------------------

Drawing number:
 88LR-FP214
 Rev 00